

U.K. - U.S. MASTER INFORMATION EXCHANGE  
MEMORANDUM OF UNDERSTANDING

05 - 96

ANNEX CONCERNING

**BATTLESPACE SPECTRUM MANAGEMENT**

D-IEA-UK-2004-0001

In accordance with the Master Information Exchange Memorandum of Understanding (MIEM) between the Secretary of State for Defence of the United Kingdom of Great Britain and Northern Ireland and the Secretary of Defence on behalf of the Department of Defense of the United States of America, effective 18 November 1994, the following Information Exchange Annex (IEA) is hereby established.

**1. DESCRIPTION:**

a. Scope. This IEA will improve the operational effectiveness and interoperability of communications and information systems between U.S. and U.K. forces operating in the same electromagnetic battlespace through the mutual sharing of engineering and analysis concepts and techniques required for efficient use of the electromagnetic spectrum.

b. The scope of the IEA comprises the following R&D technology areas:

- (1) Development of Spectrum Management concepts, procedures and tools.
- (2) Performance of differing spectrum management, frequency allocation, allotment and assignment methods, tools and algorithms.
- (3) Performance of differing radio frequency propagation & environmental modelling, prediction and measurement tools, techniques and algorithms.
- (4) Performance of spectrum usage simulation, modelling & assessment tools and techniques.
- (5) Performance of spectrum monitoring & analysis tools, techniques and systems.
- (6) Effectiveness of spectrum management training approaches, tools techniques and methods.
- (7) Identification of Information Exchange Requirements (IERs) between national Spectrum Management systems and sub-systems.
- (8) Identification of new and emerging uses of the RF spectrum, to include evolving waveforms and software derived radios and their impact upon military usage.
- (9) Identification of new and novel methods of reducing spectrum congestion within the battlespace.

c. Information exchanges of defense R&D Information under this IEA will be on a reciprocal, balanced basis such that the Information exchanged between the Participants will be of approximately equivalent value, quantitatively and qualitatively, in accordance with Section II (Objective and Scope) of the MIEM.

d. All R&D Information exchanges under this IEA will conform with the provisions of the MIEM, including the prohibitions against exchange of weapon system computer software, weapon

Commonwealth of Virginia, County of Arlington

On this 22 day of March 2005, I certify that this is a true copy of the above entitled document, the original of which is on file in the office of the General Counsel, Defense Information Systems Agency, Arlington, Virginia.

My commission expires: 30 Sept 06

*Sandy L. Carone*  
SANDY CARONE  
NOTARY PUBLIC

system-related computer software, weapon system computer software documentation, exchange of Production Information, and exchange or provision of defense equipment or services contained in Section II (Objective and Scope) of the MIEM.

e. Correspondence and requests for Information will be handled in accordance with Section IV (Channels of Communication and Visits) of the MIEM.

f. This IEA provides no authority for placing contracts in accordance with Section VI (Contractual Arrangements) of the MIEM.

g. Information will not be used by the receiving Participant for any purpose other than the purposes for which it was furnished without the specific prior written consent of the originating Participant in accordance with Section VII (Disclosure and Use of Information) of the MIEM. Unless specifically permitted under the provisions of paragraph 4. below, Information exchanged under this IEA is to be used by the receiving Participant's government employees and contractor support personnel solely for information and evaluation purposes.

## 2. NATIONAL TECHNICAL PROJECT OFFICERS, ESTABLISHMENTS, AND LIAISON OFFICERS:

a. For the U.K.:

(1) Technical Project Officer.

EC(ISTAR)I&IO SD1  
Room 745, Northumberland House  
Northumberland Avenue,  
London WC2N 5BP

(2) Establishments

(a) DEC(ISTAR)  
Northumberland House  
Northumberland Avenue,  
London WC2N 5BP

(b) Defence Spectrum Centre  
Test and Reference Branch  
Blumlein Building  
Blandford Camp  
Blandford Forum  
Dorset DT11 8RH

(c) CSIS IPT  
Spruce 0  
#1003  
MoD Abbey Wood  
Bristol  
BS34 8JH

(3) Liaison Officer.

DST/ISTAR  
British Defence Staff (Washington)  
British Embassy  
3100 Massachusetts Avenue, NW  
Washington DC 20008

b. For the U.S.:

(1) Technical Project Officer

Commander, DOD Joint Spectrum Center  
2004 Turbot Landing, Annapolis, MD 21402-5064

(2) Establishment.

DOD Joint Spectrum Center  
2004 Turbot Landing, Annapolis, MD 21402-5064

(3) Liaison Officer(s) (where appropriate)

3. SECURITY AND INFORMATION CONTROL:

a. Highest classification of Information to be exchanged under this IEA is **SECRET**.

b. All Information exchanges under this IEA will conform with the security and Information control provisions of the MIEM including Sections VII (Disclosure and Use of Information), VIII (Controlled Unclassified Information), IX (Security), and X (Third Party Transfers).

c. Annual Information Exchange objectives may be specified, if appropriate. These objectives will be established through exchange of correspondence by the TPOs and will be revised annually by the TPOs to reflect current technology considerations.

4. SPECIAL DISCLOSURE AND USE OF INFORMATION PROVISIONS:

None

5. FINANCIAL RESPONSIBILITIES:

Each Participant will bear the full costs it incurs in making, managing and administering any Information exchanges under this IEA in accordance with Section V (Financial Arrangements) of the MIEM.

6. TERMINATION AND DURATION OF THIS IEA

a. This IEA may be terminated at any time by the written consent of both national Annex Authorities, who will consult at the appropriate level prior to the date of termination to ensure

termination on the most equitable terms. In the event a Participant's national Annex Authority finds it necessary to unilaterally terminate its participation in this IEA, it may terminate upon 60 days written notification to the other Participant's national Annex Authority. Termination of this IEA will be subject to the provisions of Section XII (Amendment, Termination, Entry into Effect, and Duration) of the MIEM.

b. This IEA will remain in effect for a period of 5 years from the date of the last signature unless amended or extended by mutual written consent. Before the expiration of this IEA, the Participants will review the IEA and may, by mutual written consent, extend the IEA for additional periods of up to five years.

FOR THE SECRETARY OF STATE  
FOR DEFENCE OF THE  
UNITED KINGDOM OF GREAT  
BRITAIN AND NORTHERN IRELAND

  
Signature

Prof P. Sutton

Name

Director General (Research & Technology)

Title

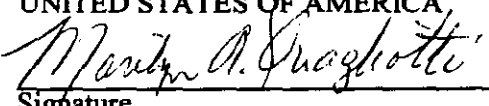
22/12/04

Date

London, UK

Location

FOR THE SECRETARY OF DEFENSE  
ON BEHALF OF THE DEPARTMENT  
OF DEFENSE OF THE  
UNITED STATES OF AMERICA

  
Signature

Marilyn A. Quagliotti

Name  
Major General, USA  
Vice Director

Title

3/10/05

Date

Location